

**OPERATING SPEED AUTOMATIC REGULATING DEVICE FOR PASSENGER CONVEYOR**

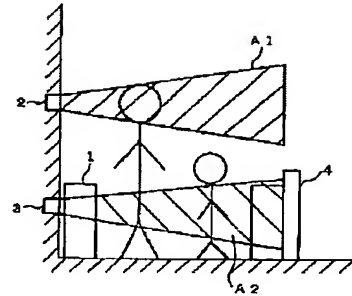
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[57] **Abstract:**

**PROBLEM TO BE SOLVED:** To automatically regulate the operation speed to a speed suitable for the aged and children considered to be relatively short by regulating the operation speed on the basis of the output signal of a means for judging the height of a passenger provided near the platform of a passenger conveyor.

**SOLUTION:** This device is provided with a human body detecting means 2 having a detection range A1 detectable of a tall person of about adult, and a human body detecting means 3 having a detection range A2 detectable of a relatively short person as the aged and children. When a grown-up passenger utilizes a passenger conveyor, since the passenger approaches the detection ranges A1, A2, and both the detecting means 2, 3 detect the passenger, the passenger conveyor performs a general operation. When a relatively short person as the aged or child, since only the human body detecting means 3 detects the passenger, a speed switching signal is outputted from an output circuit, and the operation speed of the passenger conveyor is switched to a relatively slow prescribed speed.

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